## EAST Search History

| Ref # | Hits                                    | Search Query                         | DBs                                     | Default<br>Operator | Plurals | Time Stamp |
|-------|---|--------------------------------------|---|---------------------|---------|------------|
| S1    | 570                                     | "4259192"(USPAT)                     | US-PGPUB;                               | OR                  | ON      | 2008/04/02 |
|       |   | "4269790"(USPAT)                     | USPAT                                   |                     |         | 11:59      |
|       |   | "4275006"(USPAT)                     |   |                     |         |            |
|       |   | "4290925"(USPAT)                     |   |                     |         |            |
|       |   | "4302215"(USPAT)                     |   |                     |         |            |
|       |   | "4322305"(USPAT)                     |   |                     |         |            |
|       |   | "4354949"(USPAT)                     |   |                     |         |            |
|       |   | "4369118"(USPAT)                     |   |                     |         |            |
|       |   | "4372861"(USPAT)<br>"4372863"(USPAT) |   |                     |         |            |
|       |   | "4388202"(USPAT)                     |   |                     |         |            |
|       |   | "4410437"(USPAT)                     |   |                     |         |            |
|       |   | "4414121"(USPAT)                     |   |                     |         |            |
|       |   | "4455244"(USPAT)                     |   |                     |         |            |
|       |   | "4490266"(USPAT)                     |   |                     |         |            |
|       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | "4521319"(USPAT)                     |   |                     |         |            |
|       |   | "4533482"(USPAT)                     |   |                     |         |            |
|       | -                                       | "4548722"(USPAT)                     |   |                     |         |            |
|       |   | "4594378"(USPAT)                     |   |                     |         |            |
|       |   | "4611031"(USPAT)                     |   |                     |         |            |
|       |   | "4613712"(USPAT)                     |   |                     |         |            |
|       |   | "4618439"(USPAT)                     |   |                     |         |            |
|       |   | "4620048"(USPAT)                     |   |                     |         |            |
|       |   | "4808325"(USPAT)                     |   |                     |         |            |
|       | -                                       | "4863624"(USPAT)                     |   |                     |         |            |
|       |   | "4891146"(USPAT)                     |   |                     |         |            |
|       |   | "4933099"(USPAT)                     |   |                     |         |            |
|       |   | "4966722"(USPAT)<br>"4976882"(USPAT) |   |                     |         |            |
|       | -                                       | "5180865"(USPAT)                     |   |                     |         |            |
|       |   | "5225092"(USPAT)                     |   |                     |         |            |
|       |   | "5229022"(USPAT)                     |   |                     |         |            |
|       |   | "5266223"(USPAT)                     |   |                     |         |            |
|       |   | "5277833"(USPAT)                     |   |                     |         |            |
|       |   | "5372738"(USPAT)                     |   |                     |         |            |
|       |   | "5378742"(USPAT)                     |   |                     |         |            |
|       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | "5399602"(USPAT)                     | •                                       |                     |         |            |
|       |   | "5436379"(USPAT)                     | *************************************** |                     |         |            |
|       | · · · · · · · · · · · · · · · · · · ·   | "5460739"(USPAT)                     |   |                     |         |            |
|       |   | "5538651"(USPAT)                     |   |                     |         |            |
|       |   | "5540851"(USPAT)                     |   |                     |         |            |
|       |   | "5547597"(USPAT)                     |   |                     |         |            |
|       | · · · · · · · · · · · · · · · · · · ·   | "5622924"(USPAT)                     |   |                     |         |            |
|       |   | "5668092"(USPAT)                     |   |                     |         |            |
|       |   | "5723417"(USPAT)                     |   |                     |         |            |
|       |   | "5780399"(USPAT)                     |   |                     |         |            |
|       | *************************************** | "5814586"(USPAT)                     |   |                     |         |            |
|       |   | "6051537"(USPAT)<br>"6066604"(USPAT) |   |                     |         |            |
|       | *************************************** | "6103672"(USPAT)                     |   |                     |         |            |
|       |   | UIUSU/Z (USFAI)                      |   |                     |         | }          |

| S2         | 1   | "20060105921".pn.   | US-PGPUB;<br>USPAT  | OR | ON | 2008/04/02<br>12:10 |
|------------|-----|---|---|----|----|---------------------|
| <b>S</b> 3 | 596 | 508/189,192,291.ccls.   | US-PGPUB;<br>USPAT  | OR | ON | 2008/04/02<br>12:53 |
| S4         | 471 | S3 and (succinic or imide or succinimide or alkylsuccinimide or alkenylsuccinimide).bi. | US-PGPUB;<br>USPAT  | OR | ON | 2008/04/02<br>13:03 |
| S5         | 137 | "ARIMOTO, NAOZUMI".in.<br>or "OKAWA, TETSUO".in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/02<br>13:08 |
| S6         | 245 | S5 or Nippon adj Oil adj<br>("Corp." or Corporation).bi.                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/02<br>13:09 |
| S7         | 67  | S6 and (succinic or imide or succinimide or alkylsuccinimide or alkenylsuccinimide).bi. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/02<br>13:10 |
| S8         | 4   | "6617286".pn. or "6352962".<br>pn. or "5811377".pn. or<br>"5750377".pn.                 | US-PGPUB;<br>USPAT  | OR | ON | 2008/04/02<br>13:53 |
| S9         | 4   | "6617286".pn. or "6352962".<br>pn. or "5811377".pn. or<br>"5750377".pn.                 | US-PGPUB;<br>USPAT  | OR | ON | 2008/04/14<br>12:06 |
| S10        | 1   | "737735".pn.  | US-PGPUB;<br>USPAT; EPO   | OR | ON | 2008/04/14<br>15:33 |

## 4/15/2008 12:50:00 PM